# Test Description

**Test Name or ID**: Testing for package weight Input

**Test Type**: Black box and white box

**Description**: Validation for package weight input

**Setup:** Linking the function validatePackageWeight() to unit test and use assert (AreEqual) for testing. If the expected result matches the actual results, test case pass.

**Test Function**: int validatePackageWeight(double);

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Black box:  Validation for package WEIGHT input | 1 | TRUE | TRUE | **PASS** |
| 1000 | TRUE | TRUE | **PASS** |
| -0.1 | FALSE | FALSE | **PASS** |
| 1000.1 | FALSE | FALSE | **PASS** |
| White box:  Validation for package WEIGHT input | 34.354 | TRUE | TRUE | **PASS** |
| 1 | TRUE | TRUE | **PASS** |
| 1000 | TRUE | TRUE | **PASS** |
| 1234.321 | FALSE | FALSE | **PASS** |
| $ | FALSE | TRUE | **FAIL** |

**Bugs Found**:

The function failed to reject irrelevant value.